

Product Data Sheet EMULGADE® PL 68/50 ; Revision 1-10/2005



Product Data Sheet

EMULGADE® PL 68/50

General characterisation

Chemical description

Cetyl stearyl polyglucoside

Labeling information

INCI name(s)

Cetearyl Glucoside (and) Cetearyl Alcohol

Registrations

Ingredient

CASR-No.

67782-27-0

54549-27-8

27838-85-3

EINECS/ELINCS-No.

2570088

2582202

2486882

Officially listed in / Quality conforms to

Product properties

Appearance

EMULGADE PL 68/50 is an ivory coloured wax with a faint typical odour, delivered in pellets. It is used as a non-ionic self emulsifier base in cosmetic oil/water emulsions.

Example of use

The product is applied as non-ionic, self emulsifying base in cosmetic O/W emulsions.

Characteristic values

The specifications stated in the paragraphs 'Quality control data' and 'Additional product descriptive data' finally and conclusively describe the properties of the Product.

Quality control data

(Data which is used for quality release and is certified for each batch.)

Acid value (Provisional)

< 1.0 mg/KOH

Hydroxy value

380-430

Melting point

60-70

Free Alcohol

45-50

Odour

conform to standard

Appearance

conform to standard

NF EN ISO 990

N FT 60 213

Pharma. Eur. 2.2.15

M 133

BCM 076

Additional product descriptive data

(Data which is proven statistically but not determined regularly.)

Storage and transportation

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BENTONE® EW

Celebrezze 311760

questo tipo di "Hectorite"
non è adatto

rheological additive
for the aqueous phase of cosmetics

BENTONE EW is a highly deflocculated, easily dispersible, powdered synthetic clay. It imparts thixotropic, viscous and good suspension control to the water phase of cosmetics.

Ingredients

INCI (formerly CTA) adopted name is Hectorite.

Applications

Oil-in-water emulsions
Water-in-oil emulsions
Creams
Lotions
Anti-perспиранты,
Deodorants
Colour cosmetics
Face packs
Facial make-up
Sun-care products
Hair-care products

Key Properties

BENTONE EW rheological additive

Is easily processed as a powder or pre-dispersion
Increases the viscosity of the aqueous phase and stabilizes viscosity on heating at varying temperatures and under different shear conditions (non-abrasive)

Is stable over the pH range 5-11

Imparts thixotropic (shear rate dependent) plasticity

Provides excellent suspension control

Reduces phase separation and syneresis

Is non-abrasive and imparts smooth silky feel to cosmetic and personal care products

Chemical and Physical Data

Composition	highly deflocculated synthetic clay
Colour	milky-white
Form	soft powder
Density	2.5 g/cm ³
Mixing	10% max